

*[Signature]*  
**PATENT APPLICATION**

OLIFF & BERRIDGE, PLC  
Telephone: (703) 836-6400  
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CUSTOMER NUMBER 25944

In re the Application of

Takeo KAGAMI et al.

Application No.: 10/600,444

Filed: June 23, 2003

For: MAGNETO-RESISTIVE DEVICE WITH REDUCED SUSCEPTIBILITY TO ION BEAM DAMAGE  
(AS AMENDED)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Entitlement to small entity status is hereby asserted.  
 Small entity status of this application has been established.

Any additional claim fees have been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE
TOTAL CLAIMS	*22 MINUS	**20	=2	x 25	\$
INDEP CLAIMS	* MINUS	***3	=	x 100	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 180	\$
					\$

OR

	RATE	ADD'L FEE
x 50	\$ 100.00	
x 200	\$	
+ 360	\$	\$ 100.00

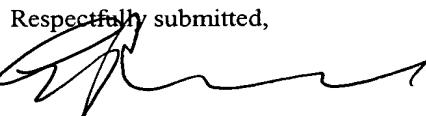
OR

- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- Check No. 166515 in the amount of \$100.00 is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

Eliot R. Malamud  
Registration No. 51,989

JAO:ERM/aaw

Date: May 13, 2005



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takeo KAGAMI et al.

Group Art Unit: 2653

Application No.: 10/600,444

Examiner: A. Heinz

Filed: June 23, 2003

Docket No.: 116329

For: MAGNETO-RESISTIVE DEVICE WITH REDUCED SUSCEPTIBILITY TO ION BEAM DAMAGE (AS AMENDED)

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the December 13, 2004 Office Action, the period for reply being extended by the attached Petition for Extension of Time, please consider the following:

**Amendments to the Specification;**

**Amendments to the Claims** as reflected in the listing of claims; and

**Remarks.**

05/16/2005 HALI11 00000091 10600444  
01 FC:1202 100.00 OP